5. Discuss the importance of osmo regulation in marine and terrestrial fishes. 10

Or

6. Discuss the importance of bio luminescence and its chemistry in animals. 10

7. Write a detailed note on 'Historical perspective on computer.' 10

Or

8. Write a detailed note on 'operating system of WINDOWS' and their applications in biology. 10

9. Discuss the role of Internet in biological sciences. Which sites are welfare mostly to science students, discuss in details. 10

Or

10. Write a deailed note on 'Human Genome Project.' 10

★★★

UG (CBCS) EVEN SEMESTER EXAMINATION, 2024

EDUCATION

(B.Sc. B.Ed.)

6th Semester

Course No. : BSZH – 602

(Physiology & Bioinformatics)

Full Marks : 50

Pass Marks : 20

Time : 2 hours

The figures in the margin indicate full marks for the questions

(*Answer five questions*)

1. Explain how the nervous system is responsible for controlling stress? 10

Or

2. What is meant by homeostatis? Explain in details the physiological mechanism of regulating body temperature. 10

3. Define acclimation and acclimatization. In details explain the different types of adaptation in animals. 2+2+6=10

Or

4. In details discuss the mechanism of ionic stress and cell volume regulation. 10